

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 87-153

WASTE DISCHARGE REQUIREMENTS FOR:

SEARS POINT INTERNATIONAL RACEWAY and
SONOMA COUNTY SERVICE AREA NO.1 (SEARS POINT),
SONOMA, SONOMA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter the Board), finds that:

1. Sears Point International Raceway (SPIR) and Sonoma County Service Area No.1 (Sears Point), hereinafter collectively called the discharger, has submitted a report of waste discharge dated July 27, 1987 and a wastewater system analysis report dated April 1987.
2. Sears Point International Raceway operates a closed-circuit vehicle racetrack located at Highways 37 and 121, 10 miles south of Sonoma and 0.1 miles north of Sears Point. The present raceway facilities include four concession stands, eleven shops, a driving school and shop, an office building and a manager's house.
3. Domestic wastewater generated at the facility is currently being treated by a series of three ponds, two being aerated followed by dry weather spray disposal on an area within the racetrack circuit. No discharge to surface waters occurs. The wastewater treatment and disposal system is operated and maintained by the Sonoma County Department of Public Works, Wastewater Operations Division.
4. The volume of each pond is 110,000 gallons. Surface area of the three ponds are 6300, 6300, and 8750 sq. ft., respectively. The total wastewater flow to the ponds is estimated by an hour meter which measures the operating time of the influent pumps. The total spray irrigation flow is measured with a flow meter.
5. The discharger is presently discharging an unknown amount of domestic wastewater to the treatment ponds. Flow is estimated to be within the original limits of 6000 Gallons per day (gpd) average and 70000 gpd maximum. Most wastewater flow occurs from spectator events. These occur during the spring through fall racing seasons, particularly on weekends and holidays. No spray disposal occurs on days when spectators are present for racing events. The public is excluded from the pond and spray disposal areas.

6. The discharger is planning to construct a 125,000 square foot building which will house 50 new shops and a VIP area. The present and projected water flows are shown below (total annual use):

	Summer	Winter
Present Flows	524,000 gal	283,500 gal
Projected Flows	614,940 gal	361,300 gal

7. The discharger proposes to construct an additional 537,654 gallon pond to accommodate the increased flow. Other work will include the installation of low-flow fixtures in the new and existing buildings and improvements to increase the efficiency of the irrigation system. A flow meter will be installed in the inflow pipe to the first pond so that the actual flow may be recorded. The final wastewater facilities will consist of four ponds having a combined capacity of 811,369 gallons and a 1.58 acre spray irrigation field (See Attachment A).
8. The racetrack and wastewater disposal facilities are located in hilly terrain that drains toward Tolay Creek, a tributary to Sonoma Creek, waters of the State.
9. The Board adopted a Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin on July 21, 1982. The Basin Plan contains water quality objectives for Sonoma Creek and its tributaries.
10. The beneficial uses of Sonoma Creek and its tributaries are:
- a. Contact and non-contact water recreation
 - b. Warm and cold fresh water habitat
 - c. Wildlife habitat
 - d. Preservation of rare and endangered species
 - e. Fish migration and spawning
11. This project involves the continued operation of a privately owned sewage treatment and disposal facility. Pursuant to Section 15101 of the California Administrative Code, the proposed use is exempt from provisions of the California Environmental Quality Act (CEQA).
12. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharger and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
13. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, that Sears Point International Raceway and Sonoma County Service Area No. 1 (Sears Point), Sonoma shall comply with the following:

A. Prohibitions

1. Overflow from the waste treatment ponds is prohibited. There shall be no bypass or overflow of waste to the waters of the State from the collection, treatment, or pond system.
2. Discharge of wastewater to any land other than the ponds or spray disposal field is prohibited.
3. Wastewater ponding due to spray disposal which could provide a breeding area for mosquitoes is prohibited.
4. The discharge of wastewater of non-domestic origin to the wastewater system is prohibited. Vehicle washing and engine servicing shall not enter the wastewater system.

B. Discharge Specifications

General

1. Neither the treatment nor disposal of waste shall not create an odor or other nuisance as defined in Section 13050(m) of the California Water Code.
2. The disposal of wastes shall not cause degradation of ground water suitable for domestic use, or cause an increase in any quality parameter that would make ground water unsuitable for irrigation.
3. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the discharge requirements.
4. Activities at the raceway shall not cause visible, floating, suspended, or deposited oil or other products of petroleum origin to enter the waters of the State.

Waste Treatment Ponds

5. Waste at the surface of the evaporation pond shall meet the following limits at all times:

Dissolved Oxygen	2.0 mg/l minimum
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Dissolved Sulfide	0.2 mg/l maximum
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6. Wastewater flow to the treatment ponds shall be metered and shall not exceed the following limits:

6,000 gpd monthly average
70,000 gpd daily maximum

7. A minimum of two feet of freeboard shall be maintained at the ponds at all times.

8. The public shall be effectively excluded and notified of the presence of wastewater in the ponds.

C. Spray Disposal Restrictions

1. The treatment, distribution, or spray disposal of wastewater shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. No waste shall be applied to any disposal area during the wet weather season (November 1 through April 15), when the ground is saturated, or during periods of rainfall.
3. Spray disposal shall be limited to the areas specified in Finding 7 of this Order unless written authorization is obtained from the Executive Officer.
4. No waste shall be allowed to escape from the discharger's property into waters of the State via surface flow, airborne spray, or resurfacing after percolation.
5. Spray disposal shall be applied to the use area in a manner which will prevent public contact with the wastewater.
6. The public shall be effectively excluded from the spray disposal area by means of fencing or other type of barrier.
7. Spray disposal shall be clearly identified with posted notices to the public.
8. Wastewater shall not be applied to the spray disposal area when spectators are present for racing events.
9. Wastewater shall not be applied outside the area bounded by the racetrack nor within 100 feet of any stream, pond, well; housing, office, or other accommodations; food service facility; public seating, viewing, parking, or rest area; or other areas open to spectator activity.
10. All equipment, including pumping, piping, valves, etc., which at any time may contain waste shall be adequately and clearly identified with warning signs; and the discharger shall make all necessary provisions, in addition, to inform the public that the liquid contained is wastewater and is unfit for human consumption.

D. Spray Disposal Water Quality Specifications

1. The wastewater as discharged from the treatment and disposal facilities to the spray disposal areas shall be at all times an adequately treated wastewater, and shall meet the following quality limits at all times:

Settleble Solids	0.5 mg/l-hr maximum
Dissolved Oxygen	2.0 mg/l minimum

Dissolved Sulfide	0.1 mg/l	maximum
pH	6.0 units	minimum
	9.0 units	maximum

2. The discharger shall discontinue spray disposal of wastewater during any period of time in which there is reason to believe the limits specified in D.1 are not being met.

E. Provisions


1. The discharger shall comply with all Sections of this Order immediately upon adoption.
2. SPIR shall clean up immediately any oil spills on areas where storm runoff may carry such oils to surface waters. Deposited oils on roadways and car maintenance and repair areas shall be cleaned up by SPIR after the last racing event before the wet season.
3. When an approved public sanitary sewer is within 400 feet of the ponds, the discharger shall submit a technical report and time schedule to the satisfaction of the Executive Officer describing how the ponds will be abandoned and connection made to the sanitary sewer.
4. The discharger shall submit a report to the Executive Officer, for his approval, by December 15, 1987 describing the nature and extent of erosion problems on the site. The report is to include an Erosion Control Plan with a time schedule for implementation.
5. The discharger shall take all necessary precautions, including providing facilities, to prevent the erosion of materials from the property and wastewater system into Tolay Creek or other waters of the State.
6. In the event the discharger is unable to comply with any of the conditions of this Order due to:
 - a. Breakdown of waste treatment equipment,
 - b. Accidents caused by human error or negligence, or
 - c. Other causes such as acts of nature,

the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include:

- a. pertinent information explaining reasons for non-compliance,
- b. a description of the steps taken to to correct the problem and the dates thereof, and

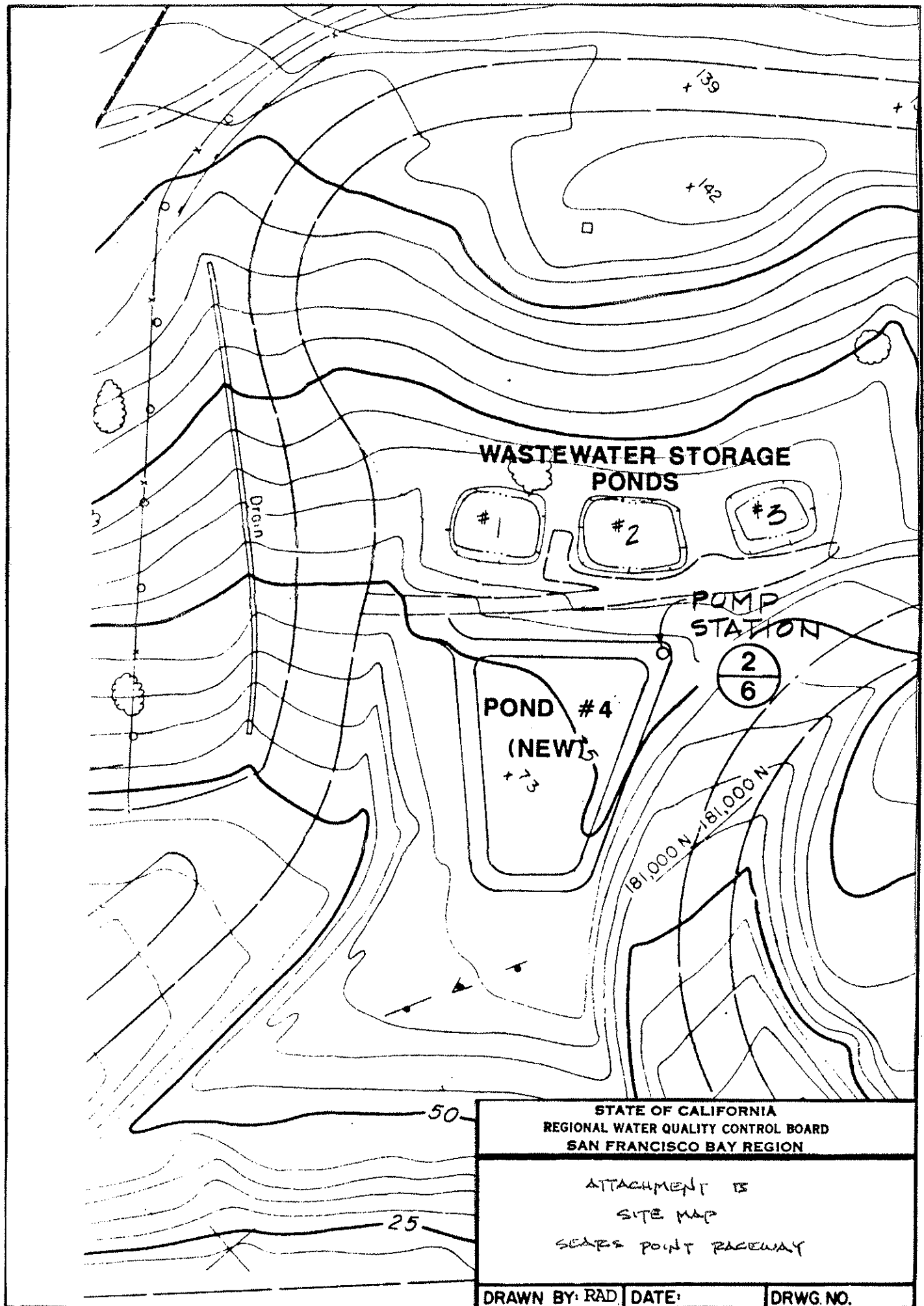
- c. a description of what steps are being taken to prevent the problem from recurring.
7. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
8. The discharger shall permit the Board or its authorized representatives in accordance with California Water Code Section 13267(c):
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept.
 - b. Access to copy any records required to be kept under terms and conditions of this Order.
 - c. Inspection of any monitoring equipment or method required by this Order.
 - d. Sampling of any stored or disposed wastewater.
9. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.
10. The discharger shall comply with a Self-Monitoring Program as ordered by the Executive Officer.
11. This Order is subject to Board review and updating, as necessary, to comply with changing State and Federal laws, regulations, policies, or guidelines; changes in the Regional Board Basin Plan; or changes in the discharge characteristics in ten year increments from the effective date of this Order.
12. Board Order No. 84-71 is hereby rescinded.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on November 18, 1987.


ROGER B. JAMES
Executive Officer

Attachment:

- A. Map
- B. Self-Monitoring Program



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

FINAL
SELF-MONITORING PROGRAM
FOR

SEARS POINT INTERNATIONAL RACEWAY
and
SONOMA VALLEY COUNTY SANITATION DISTRICT
SONOMA, SONOMA COUNTY

ORDER NO. 87-153

CONSISTS OF
PART A

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

PART A

1. GENERAL

Reporting responsibilities of waste dischargers are specified in this Regional Board's Resolution No. 73-16 and in Sections 13225(a), 13268, 13383, and 13387(b) of the California Water Code.

The principal purposes of a monitoring program by a waste discharger, also referred as a self-monitoring program, are:

- a. To document compliance with waste discharge requirements and prohibitions established by the Regional Board.
- b. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

2. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analyses shall be performed according to the latest edition of

"Standard Methods for the Examination of Water and Wastewater"

prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation; or other methods approved and specified by the Executive Officer of this Regional Board.

Water and waste analyses shall be performed by a laboratory approved for these analyses by the State Department of Health or a laboratory approved by the Executive Officer. The Director of the laboratory whose name appears on the certification shall supervise all analytical work in his laboratory and shall sign all reports of such work to the Regional Board.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

3. DEFINITION OF TERMS

1. A grab sample is defined as an individual sample collected in less than 15 minutes.

2. Standard Observations

a. Evaporation Ponds

This applies both to liquid and solid wastes confined or unconfined.

- (1) Determine height of the freeboard at the lowest point of dikes confining liquid wastes.
- (2) Evidence of leaching liquid from area of confinement and estimated size of affected area (Show affected area on a sketch).
- (3) Odor: presence or absence, characterization, source, and distance of travel.

b. Spray Disposal Field

- (1) Evidence of leaching liquid from area of confinement and estimated size of affected area (Show affected area on a sketch).
- (2) Odor: presence or absence, characterization, source, and distance of travel.
- (3) Evidence of effluent runoff from the spray disposal area (Show affected area on a sketch).

4. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

1. Description of Sampling Stations

a. Pond System Monitoring

Station	Description
I-1	At the inlet to the treatment ponds where wastes leave the collection system.
E-1	At any point on the surface of the evaporation pond, representative of the wastewater.

b. Land Observations

Station	Description
P-1 thru P-'n'	Located at points spaced equidistantly along the perimeter levees of the evaporation ponds.

S-1 thru S-'n' Located at points spaced equidistantly along the perimeter of the spray disposal field.

Points shall be separated by not more than 50 feet. A sketch showing the stations shall be submitted with the first monitoring report and subsequent self-monitoring reports when a station location is changed or a violation is noted.

2. The discharger is required to perform observations, sampling and analysis according to the schedule given in Table I.

5. REPORTS TO BE FILED WITH THE BOARD

1. Violation of Requirements

In the event the discharger is unable to comply with the conditions of the requirements and prohibitions this Order due to:

- (a) maintenance work, power failure, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problems from recurring.

2. Self-Monitoring Reports

Written reports shall be filed regularly for each calender month by the fifteenth day of the following month. The reports will be comprised of the following:

(a) Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include:

- i. A discussion of requirement violations found during the past month.
- ii. Actions taken or planned for correcting the violations such as operation modifications, and/or facilities expansion.
- iii. If the discharger has previously submitted a time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory.

iv. A statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

(b) Data Results

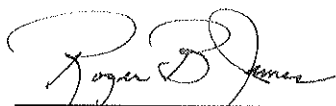
All results observed or analyzed including dates and times of sampling and/or observations.

(c) Map

A map shall accompany the report showing sampling and observation locations.

I, Roger B. James, Executive Officer, do hereby certify that the foregoing Self-monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with the Water Reclamation Requirements established in Regional Board Order No. 87-031.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.



ROGER B. JAMES
Executive Officer

Effective Date:

DECEMBER 3, 1987

Attachment:

a. Table I

ATTACHMENT A

TABLE I

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

SAMPLING SATATIONS	I-1	E-1	P-1 thru P-'n'	S-1 thru S-'n'
Type of Samples	G	G	O	O
Flow Rate (gpd)	D			
pH (unit)		M*		
Dissolved Oxygen (mg/l)		M*		
Sulfides, Total & Dissolved (mg/l) **		M*		
Settleable Solids (mg/l-hr)		M*		
All Applicable Standard Observations			W	W

LEGEND FOR TABLE

G = Grab Sample
O = Observation

D = Daily
W = Weekly
M = Monthly

Notes:

* Grab sample twice/month during racing season and monthly during the rest of the year

** Analyze for this item only when Dissolved Oxygen is below 2.0 mg/l.